

MAJOR MODIFICATION STATEMENT OF BASIS

as required by LAC 33:IX.3105.B.1, for draft **Louisiana Pollutant Discharge Elimination System Permit No. LA0041386; AI 19573; PER20070001** to discharge to waters of the State of Louisiana as per LAC 33:IX.2311.

The permitting authority for the Louisiana Pollutant Discharge Elimination System (LPDES) is:

Louisiana Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313

- I. **THE APPLICANT IS:** Town of Haughton
 Haughton Wastewater Treatment Plant
 Post Office Box 729
 Haughton, Louisiana 71037

- II. **PREPARED BY:** Todd Franklin

- DATE PREPARED:** July 25, 2007

- III. **PERMIT ACTION:** Modification of LPDES permit LA0041386; AI 19573; PER20070001

 LPDES Permit Effective: April 1, 2006

 LPDES application received: January 30, 2007

IV. **NATURE OF PERMIT MODIFICATION:**

On January 30, 2007, the Water Permits Division received a permit application requesting a modification to reflect a design capacity of 0.6 MGD. The permit, effective April 1, 2006, indicated a design capacity of 0.2 MGD. Upon subsequent investigation, this Division has determined that the actual design capacity of the facility is 0.3 MGD. Therefore, this modification will establish effluent limitations based on the actual design capacity of 0.3 MGD.

V. **PUBLIC NOTICE:**

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit modification and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

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For additional information, contact:

Mr. Todd Franklin
 Permits Division
 Department of Environmental Quality
 Office of Environmental Services
 P. O. Box 4313
 Baton Rouge, Louisiana 70821-4313

VI. PROPOSED PERMIT LIMITS:

Subsegment 100502, Lake Bistineau, is not listed on LDEQ's Final 2004 303(d) List as impaired, and to date no TMDL's have been established. A reopener clause will be established in the permit to allow for the requirement of more stringent effluent limitations and requirements as imposed by any future TMDLs.

Outfall 001

Final Effluents Limitations for Outfall 001 shall become effective on the effective date of this Major Modification and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg. (lbs./day)	Monthly Avg.	Weekly Avg.	Basis
CBOD ₅	25	10 mg/l	15 mg/l	Limits set in accordance with the Wasteload Allocation for the Haughton Municipal Wastewater Treatment Facility, WLA 69. (1984)
TSS	38	15 mg/l	23 mg/l	Since there is no numeric water quality criterion for TSS, and in accordance with the current Water Quality Management Plan, the TSS effluent limitations shall be based on a case-by-case evaluation of the treatment technology being utilized at a facility. Therefore, a Technology Based Limit has been established through Best Professional Judgement for the type of treatment technology utilized at this facility.
Ammonia-Nitrogen	8	3 mg/l	6 mg/l	Limits set in accordance with the Wasteload Allocation for the Haughton Municipal Wastewater Treatment Facility, WLA 69. (1984)

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Effluent Characteristic	Monthly Avg. (lbs./day)	Monthly Avg.	Weekly Avg.	Basis
Dissolved Oxygen (DO)	N/A*	6 mg/l	---	Limits set in accordance with the Wasteload Allocation for the Houghton Municipal Wastewater Treatment Facility, WLA 69. (1984)

*This Dissolved Oxygen limit is the lowest allowable average of daily discharges over a calendar month. When monitoring is conducted, the Dissolved Oxygen shall be analyzed immediately, as per 40 CFR 136.3.

Other Effluent Limitations:**1) Fecal Coliform**

The discharge from this facility is into a water body which has a designated use of Primary Contact Recreation. According to LAC 33:IX.1113.C.5.a, the fecal coliform standards for this water body are 200/100 ml and 400/100 ml. Therefore, the limits of 200/100 ml (Monthly Average) and 400/100 ml (Weekly Average) are proposed as Fecal Coliform limits in the permit. These limits are being proposed through Best Professional Judgement in order to ensure that the water body standards are not exceeded, and due to the fact that existing facilities have demonstrated an ability to comply with these limitations using present available technology.

2) pH

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.).

3) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.